

**GOVERNMENT OF TELANGANA**  
**ABSTRACT**

Agriculture and Cooperation (H&S) Department – Telangana State Micro Irrigation Project (TSMIP) – Implementation of GST w.e.f 01-07-2017 – Revision of MI Component prices & Spacing wise unit costs in Telangana State Micro Irrigation Project (TSMIP) from 01-07-2017– Orders – Issued.

**AGRICULTURE & COOPERATION (HORTI & SERI) DEPARTMENT**

G.O.Ms.No.40.

Dated:28-08-2017.

**Read the following:**

1. G.O.Ms.No.1, A&C (Horti& Seri) Dept., Dt:02-01-2015.
2. G.O.Ms.No.375, Agri. &Coop., Department Dt:23.07.2016.
3. From CoH, Hyderabad Lr.No.TSMIP/376/2016, Dt:19-04-2017.
4. Note approval of Hon'ble Minister for Agriculture on Dt:21-07-2017.
5. Minutes of the Board meeting of TSHDCL held on Dt:11-07-2017.
6. From CoH, Hyd., Lr.No. TSMIP /P&M/399/2017, Dt:17-08-2017 & Dt:24-08-2017.

\*\*\*

**ORDERS:**

The Commissioner of Horticulture, Hyderabad in the reference 3<sup>rd</sup> read above has stated Government vide reference 1<sup>st</sup> read above, have issued orders revising the prices of MI Components & Crop wise unit costs for the year 2014-15 for implementation of OFWM under NMSA in the State of Telangana. Further vide reference 2<sup>nd</sup> read above Government have ratified the action of the Commissioner of Horticulture, Hyderabad in having implemented the orders issued in reference 1<sup>st</sup> read above for the year 2015-16 duly including the unit cost for some more crops.

2. He has also stated that vide reference 3<sup>rd</sup> read above proposals were submitted to Government for approval of new MI Components & Crop wise Unit costs for new crops during the year 2016-17. Since, the Goods and Service Tax (GST) has come into force w.e.f., 01.07.2017 and has replaced the present system of taxing. All Micro Irrigation Systems / Products are brought under GST. The GST on the Micro Irrigation Systems is to be charged @18%.

3. Further, the Commissioner of Horticulture, Hyderabad has informed that the Hon'ble Minister for Agriculture & Cooperation has approved the Note on 21-07-2017, for continuing the existing system of reimbursing 5% taxes (up to a maximum of Rs.5,000/- per beneficiary) in case of GST also and the balance tax amount may be borne by the beneficiary. Subsequently the MI component prices and unit costs of MI systems were revised and placed before the Board of Directors of Telangana State Horticulture Development Corporation Limited, in a special meeting convened on 11.08.2017 and has accorded approval to the revised prices of MI components and revised spacing wise unit costs worked out by TSMIP based on the revised prices of the components and approved vide reference 5<sup>th</sup> read above.

4. In the circumstances reported by the Commissioner of Horticulture, Hyderabad and Government after careful examination hereby revise the prices of Micro Irrigation Components and spacing wise unit costs on the existing prices of TSMIP mentioned in the Annexure – I and Annexure – II appended to this order for the year 2017-18 (w.e.f. 01/07/2017) and to avoid further inconvenience to the farmers and accord permission for continuation of 5% tax incentive (up to Maximum of Rs. 5,000/- per beneficiary), as a relief to

P.T.O.

//2//

the farmers for implementation of PMKSY - Per Drop More Crop & NABARD assisted MI Project. The prices of MI Components & Spacing wise unit costs of MI system shall be effective from 01.07.2017 and they will continue until further orders.

5. The Commissioner of Horticulture, Hyderabad shall take further necessary action in the matter accordingly.

**(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)**

**C.PARTHA SARATHI    APC &  
SECRETARY TO GOVERNMENT**

To

The Commissioner of Horticulture & Sericulture, Hyderabad.

The Commissioner & Director of Agriculture, Hyderabad.

The Project Officer, Telangana State Micro Irrigation Project (TSMIP), Hyderabad.

**Copies to:**

The Commissioner, Rural Development, Hyderabad

The Director of Sugar & Cane Commissioner, Hyderabad.

All the Collectors & District Magistrates. (Through Commissioner of Horticulture, Hyderabad)

The PS to Minister [Agriculture & Cooperation].

The PS to Secretary to Hon'ble Chief Minister.

The PS to APC & Secretary to Government (A&C) Dept.

Sf/Sc.

**//FORWARDED::BY ORDER//**

**SECTION OFFICER.**

ANNEXURE-I

Telangana State Micro Irrigation Project  
TSMIP - Component wise Prices Post GST

(Amount in Rs.)

Sl.No	Particulars	ISI No / Brand	Unit	TSMIP PRICE present rates (prior to GST)	Revised Rates (w.e.f. 01-07-2017)
1	2	3	4	5	6
1	Plain Laterals ((Rs./m)				
	12 mm diameter	12786	Mtr	4.64	4.23
	16 mm diameter	12786	Mtr	6.84	6.50
2	Emitting pipe (Integral drip lateral) Class III(Rs./m)				
	12mm - 2LPH - 40cm	13488	Mtr	8.01	7.49
	12mm - 2LPH & 3LPH- 50cm	13488	Mtr	7.59	7.10
	12mm - 2LPH & 3LPH - 60cm	13488		6.85	6.40
	12mm - 2LPH & 3LPH - 75cm	13488	Mtr	6.77	6.33
	12mm - 2LPH - 90cm	13488	Mtr	6.70	6.26
	12mm - 2LPH - 100cm	13488	Mtr	6.46	6.04
	12mm - 2LPH - 150cm	13488	Mtr		5.55
3	Emitting pipe (Integral drip lateral) Class II(Rs./m)				
	16mm - 2lph to 4lph - 30cm	13488	Mtr	10.87	10.07
	16mm - 2lph to 4lph - 40cm	13488	Mtr	10.34	9.63
	16mm - 2lph to 4lph - 50cm	13488	Mtr	10.23	9.52
	16mm - 2lph to 4lph - 60cm	13488	Mtr	10.03	9.34
	16mm - 2lph to 4lph - 75cm	13488	Mtr	9.75	9.10
	16mm - 2lph to 4lph - 90cm	13488	Mtr	9.58	8.90
	16mm - 2lph to 4lph - 100cm	13488	Mtr	8.99	8.35
	16mm - 2lph to 4lph - 150cm	13488	Mtr	8.29	7.70
4	HDPE Pipe for Drip main / sub main (1 mtr)				
	40mm - 2.5kg/cm2			30.36	27.77
	50 mm - 4kg/cm2			40.60	37.13
	63 mm - 3.2 kg/cm2	14151	Mtr	51.66	47.25
	63 mm - 4kg/cm2	14151	Mtr	62.80	57.44
	75 mm - 2.5 kg/cm2	14151	Mtr	60.20	55.06
	90 mm - 2.5 kg/cm2	14151	Mtr	79.00	72.25
	110 mm - 2.5 kg/cm2	14151	Mtr	119.70	109.48
5	Online drippers -				
	2LPH	13487	No	2.76	2.48
	4LPH	13487	No	2.76	2.48
	8LPH	13487	No	2.76	2.48
	2LPH PC	13487	No	2.93	2.72
	4LPH PC	13487	No	2.93	2.72
	8LPH PC	13487	No	2.93	2.72

6	PVC Pipe (Rs./Mtr)				
	25mm (10Kg/cm²)				13.62
	40mm - 6 Kg/cm2	4985	Mtr	24.90	24.49
	50mm - 6 Kg/cm2	4985	Mtr	37.10	37.13
	63mm - 4 Kg/cm2	4985	Mtr	39.30	41.53
	75mm - 4 Kg/cm2	4985	Mtr	56.37	59.16
	90mm - 4 Kg/cm2	4985	Mtr	78.96	83.58
	110mm - 4 Kg/cm2	4985	Mtr	112.90	119.69
7	PVC Ball Valve/Control Valve (Rs./unit)				
	40 mm	IS 9890 : 1981	No	252.96	163.50
	50 mm	IS 9890 : 1981	No	337.00	240.50
	63 mm	IS 9890 : 1981	No	520.00	356.00
	75 mm	IS 9890 : 1981	No	703.63	512.80
	90 mm	IS 9890 : 1981	No	896.77	679.30
8	PP Ball Valve / Control Valve(Rs./unit)				
	25 mm				37.50
	40 mm	IS 9890 : 1981	No	355.34	288.60
	50 mm	IS 9890 : 1981	No	401.00	356.00
	63 mm	IS 9890 : 1981	No	574.66	519.60
	75 mm	IS 9890 : 1981	No	844.00	779.40
	90 mm	IS 9890 : 1981	No	1259.73	981.40
9	Flush Valve (Rs./unit)				
	40 mm	As specified	No	50.60	47.56
	50 mm	As specified	No	66.00	62.00
	63 mm	As specified	No	70.00	65.80
	75 mm	As specified	No	81.00	76.10
10	Screen Filter (Rs./unit)				
	10 m³	IS 12785:1994	No	1686.88	1303.46
	20 m³	IS 12785:1994	No	2152.80	1530.14
	25 m³	IS 12785:1994	No	2336.88	1537.87
	30 m³	IS 12785:1994	No	2428.00	1545.60
	40 m³	IS 12785:1994	No	2636.00	1751.68
11	Sand Filter(Rs./unit)				
	10 m³	IS 14606:1998	No	7568.00	6682.14
	20 m³	IS 14606:1998	No	10043.00	8655.36
	25 m³	IS 14606:1998	No	11693.00	9639.39
	30 m³	IS 14606:1998	No	13218.00	10626.97
	40 m³	IS 14606:1998	No	15252.00	12591.49
12	Hydro-cyclone(Rs./unit)				
	2"	IS 14743:1999	No	3090.00	2679.04
	3"	IS 14743:1999	No	4833.00	3451.84
13	Disc Filter(Rs./unit)				
	11/2"	IS 12785:1994	No	3808.00	3522.64
	2"	IS 12785:1994	No	4880.64	4068.66
	3"	IS 12785:1994	No	6962.95	5706.72

14	Fertilizer Tank(Rs./unit)				
	30 Litres	IS 14483(part-1)1997	No	2373.54	2175.75
	60 Litres	IS 14483(part-1)1997	No	4068.78	3729.72
	90 Litres	IS 14483(part-1)1997	No	5416.00	4964.67
15	Grommat(Rs./unit)				
	12 mm	As specified	No	1.31	1.25
	16 mm	As specified	No	1.53	1.47
16	Start Connector/takeoff(Rs./unit)				
	12 mm	As specified	No	1.47	1.38
	16 mm	As specified	No	1.47	1.38
17	Nipple/Joiner(Rs./unit)				
	12 mm	As specified	No	1.54	1.38
	16 mm	As specified	No	1.54	1.38
18	End Cap(Rs./unit)				
	12 mm	As specified	No	1.34	1.26
	16 mm	As specified	No	1.34	1.26
19	Micro Tube(Rs./m)				
	6 mm	As specified	Mtr	1.34	1.27
20	Micro Tube Barbed Connector(Rs./unit)				
	Micro Tube Barbed Connector	As specified	Mtr	0.57	0.54
21	HDPE Pipes with quick action coupler (6m long)				
	50mm 4kgf/cm2	14151	6 Mtr	414.61	383.00
	75mm 4kgs/cm2	14151	6 Mtr	545.00	545.00
	90mm 4kgs/cm2	14151	6 Mtr	681.00	681.00
	63mm 3.2 kgf/cm2	14151	6 Mtr	466.50	431.00
	75mm 2.5 kgf/cm2	14151	6 Mtr	537.00	495.60
	90mm 2.5 kgf/cm2	14151	6 Mtr	666.00	586.75
22	Sprinkler coupler with foot batten assembly(Rs./unit)				
	50mm	14151	No	253.81	237.40
	63mm	14151	No	277.60	259.90
	75mm	14151	No	311.00	290.70
	90mm	14151	No	326.00	304.80
23	Sprinkler nozzles (1.7 to 2.8 kg/cm²)(Rs./unit)				
	50mm to 90mm	12232 (part-1):1996 (part-2): 1995	No	255.34	255.34
24	Plastic Sprinkler nozzle(Engg. Plastic)			126.00	121.00
25	Riser pipe 20mm diameter x 75cm long(Rs./unit)				
	50mm to 90mm	1239/3601	No	68.00	63.40
26	Connecting nipple(Rs./unit)				
	50mm	As Specified	No	154.00	144.40
	63mm	As Specified	No	172.56	162.20
	75mm	As Specified	No	224.00	213.67
	90mm	As Specified	No	277.00	259.80

27	Bend with coupler 90°(Rs./unit)				
	50mm	As Specified	No	144.00	132.90
	63mm	As Specified	No	168.00	155.10
	75mm	As Specified	No	221.00	207.82
	90mm	As Specified	No	234.00	220.04
28	Tee with coupler(Rs./unit)				
	50mm	As Specified	No	185.00	170.80
	63mm	As Specified	No	204.00	188.40
	75mm	As Specified	No	241.00	222.50
	90mm	As Specified	No	270.00	243.80
29	End plug(Rs./unit)				
	50mm	As Specified	No	64.00	59.80
	63mm	As Specified	No	72.18	67.50
	75mm	As Specified	No	88.20	82.50
	90mm	As Specified	No	101.10	94.60
30	Non – return valve(Rs./unit)				
	1.5"	778	No	762.60	571.70
	2"	778	No	1118.00	765.40
	2.5"	778	No		1032.80
	3"	778	No	2080.63	1466.30
31	Air valve(Rs./unit)				
	1/2"	As Specified	No	287.00	78.00
	1"	As Specified	No	376.00	110.10
	1.5"	14845	No	713.00	215.80
32	Gun metal valve/Throttle valve(Rs./unit)				
	1.5"	1239	No	610.00	553.60
	2"	1239	No	832.00	757.00
	2.5"	1239	No	1148.94	1096.22
	3"	1239	No	1546.77	1280.40
33	Throttle valve (PP)				
	2"	As Specified	No		656.21
	2.5"	As Specified	No		1093.68
	3"	As Specified	No		1249.92
34	RAIN GUN MODEL 1	IS 12232 (part 1):1996	No	2283.50	2159.00
	RAIN GUN MODEL 2	IS 12232 (part 1):1996	No	3206.62	2836.10
35	Vacuum breaker valve(Rs./unit)				
	½"	As Specified	No	52.00	49.30
36	Pressure Guage(Rs./unit) (Glycerine)	3624	No	170.00	180.32
37	Pressure Cork			60.00	55.66
38	Dripper Plug(Rs./unit)	As Specified	No	0.59	0.48
39	By pass assembly (1.5" x 1.5")	As Specified	No	734.80	648.79
40	By pass assembly (2" x 1.5")	As Specified	No	766.70	676.96
41	By pass assembly (3" x 1.5")	As Specified	No	798.60	705.11
42	Microjet	14605	No	16.08	14.46
43	Microsprinkler	14605	No	20.00	18.02
44	Fogger/mister			26.70	25.50

45	Ventury Assembly complete				
	3/4"	14483	No	920.94	764.40
	1"	14483	No	1422.22	1242.20
	2"	14483	No	3678.74	2388.80
46	Family Drip			9038.70	8536.80
47	Fittings & Accessories			720.00	673.52
48	Installation			483.00	483.00
49	Transportation			425.00	425.00
50	Elbow for Semi Permanent sprinkler (pvc)				
	25 mm	As Specified	No	3.50	3.14
	90 mm	As Specified	No	41.40	37.12
51	Reducer TEE / Reducer (PVC)				
	75 x 25 mm	As Specified	No	21.70	19.46
	90 x 25 mm	As Specified	No	44.40	20.83
	90 x 75 mm	As Specified	No	16.20	20.83
52	PVC service saddle (63 mm X 1")(PVC)	As Specified	No	62.80	56.31
53	End Cap (PVC)				
	25 mm	As Specified	No	2.00	1.79
	75 mm	As Specified	No	27.30	24.48
54	Single Union Valve 32mm compression 3/4" female (32mm x 1") (Rs./unit)(PVC)	As Specified	No	110.00	98.63
55	MTA 25mm (Rs./unit)	As Specified	No	2.40	2.15
56	FTA 25mm (Rs./unit)	As Specified	No	2.60	2.33
57	Compression end cap 32 mm (Rs./unit)(PVC)	As Specified	No	40.00	30.19
58	Lateral Pipe (PE) 32 mm, Class II (2.5kg/cm2) (Rs./m) (LLDPE)	12786	Mtr	35.70	26.68
59	Emitting Pipe (Integral Drip Lateral -PC) - 16mm - class - II, to 4LPH, 40 cms per mtr	As Specified	Mtr	11.24	10.90
60	Elbow - 16mm, for sub-surface Drip Irrigation each			3.00	3.00
61	Tripod Stand				
	1.5"X1.5"	GI	No		1800.00
	1.5"X1.25"	GI	No		1800.00
62	Roller (optional)			1500	1391.67

C.PARTHA SARATHI  
APC & SECRETARY TO GOVERNMENT

Annexure - 2  
Telangana State Micro Irrigation Project

Revised Unit Costs proposed for different Lateral Spacings with the introduction of GST

Sl. No.	Spacing (mxm)	Type of Drip	TSMIP Unit costs at present (Rs per ha)		Revised unit cost (w.e.f. 01-07-2017) (Rs. per ha)	
			12mm	16mm	12mm	16mm
1	2	3	4	5	6	7
1	10 x 10	Online	17400	19660	16585	19085
2	9 x 9	Online	20330	22970	19722	22565
3	8 x 8	Online	24670	27420	21415	24485
4	9 x 9 Triangular	Online	0	31030	0	29030
5	7 x 7	Online	26370	29570	22794	26320
6	6 x 6	Online	28670	32420	24391	28371
7	6 x 6	Inline	28400	0	24635	
8	5 x 5	Online	32570	36980	28062	32839
9	5 x 5	Inline	32340	33900	28327	33783
10	5x3	Inline		33900		33780
11	5x3	Online		33900		32220
12	5x2.5	Inline		33900		33780
13	5x2.5	Online		33900		32320
14	4.5 x 2.7	Online	32370	37330	29336	34682
15	4 x4	Online	35260	40780	32701	35425
16	3 x 3	Online	42120	48411	37638	43737
17	3 x 3	Inline		55198		47840
18	3x2	Online	0	49635		48434
19	3x1.5 (High Density)			60980		54190
20	(1.5 X 1.5 Pit method) 3m lateral spacing	Online	61280	64820	55360	63029
21	2.7 x 1.5	Inline	50580	57970	45569	50699
22	2.7 x 1.5	Online	48730	55230	43790	52069
23	2.5x2.5	Inline				55360
24	2.5x2.5	Online				52690
25	2.25 x 0.6	Inline	54230	65130	48168	58550
26	2.0 x 0.6	Inline	58450	70670	51381	63252
27	2 x 2	Online		65610		61245
28	2x1 (ultra high density)	Inline		68590		66270
29	1.8 x 1.8	Inline				68710
30	1.8 x 1.8	Online			57182	69949
31	1.8 x 1.5	Online	65160	73130	60282	70565



32	1.8 x 0.6	Inline	59220	76000	54038	68710
33	1.8 x 0.9	Online				69949
34	1.8x0.4	Sub Surface		85400		85400
35	1.5x0.4			85400		85400
36	1.5 x 0.6	Inline		90100		79001
37	1.2 x 0.6	Inline	90480	106120	77088	97671

**Telangana State Micro Irrigation Project**  
**Sprinkler Unit Costs**

(Rs. per ha)

Sl.No	Name of the Sprinkler	TSMIP Unit costs at present	Revised Rates w.e.f. 01-07-2017
1	2	3	4
38	Portable	17880	16671
39	Micro	58650	58650
40	Semi-Permanent	30900	30891
41	Mini Sprinklers	82840	72214
42	Rain Guns		
	75mm	23320	21647
	90mm	26830	25139

**C.PARTHA SARATHI**  
**APC & SECRETARY TO GOVERNMENT**